

CERTIFIED MILL TEST REPORT

1/07/23 18:29:35
100% EAF MELTED AND MANUFACTURED IN THE USA
Structural sections produced by Nucor-Berkeley are cast
and hot rolled to a fully killed and fine grain practice.
Mercury not intentionally added at any point during manufacturing.

Sold To: SUPERIOR SUPPLY AND STEEL
PO BOX 2388
SULPHUR, LA 70664

Ship To: SUPERIOR SUPPLY & STEEL
318 CITY SERVICE HIGHWAY
SULPHUR, LA 70663

Customer #: 808 - 1
Customer PO: P023728711
B.O.L. #: 1672100
MOS: T

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.
Quality Manual Rev #16 (4-30-21).

AASHTO : M270-345M270-50-19
ASTM : A992-22:/A529-19-50/A575021R1/A7095021

Description Part #	Heat# Test/Heat JW	Grade(s)	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C		Mn		P		S		Si		Cu		Ni		CE1 CE2 Pcm	
							Cr	Ti	Mo	Al	Sn	B	N	V	Nb	CI						
M8X13 020' 00.00"	2217401	A992-22	.83	58800	70800	27.00	.07	.83	.005	.020	.19	.19	.14	.25								.27
M200X19.3 006.0960m	A992-22		.84	59600	71100	29.00	.06	.03	.0074	.0002	.002	.030	.4.52	.2864								.1357
M8X28 020' 00.00"	1215111	A992-22	.81	57600	71000	26.00	.07	1.02	.010	.017	.24	.19	.05	.27								.3127
M200X41.7 006.0960m			.79	56200	71100	25.00	.06	.001	.0068	.0003	.002	.029	4.42	.1420								

17 Heat(s) for this MTR.

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. "All mechanical testing is performed by the Quality
CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29Cu*Ni)-(9.10Ni*P)-33.39(Cu*Cu) testing lab, which is independent of the production
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B departments"
CE1 = C+(Mn/6)+(Cr+Mo+V/5)+(Ni+Cu/15) CE2 = C+(Mn+Si)/6+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)

Nucor certifies that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Dmitri Nassayrov
Metallurgist/
Quality Control